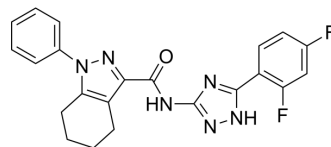


PAR4 antagonist 2

Cat. No.:	HY-161401
Molecular Formula:	C ₂₂ H ₁₈ F ₂ N ₆ O
Molecular Weight:	420.41
Target:	Protease Activated Receptor (PAR)
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

PAR4 antagonist 2 (Compound 31) is a protease activated receptor 4 (PAR4) antagonist, with IC₅₀ values of 95 nM and 367 nM for human PAR4 and mouse PAR4. PAR4 antagonist 2 is active against PAR4 activation by the native protease thrombin cleavage but not the synthetic PAR4 agonist peptide AYPGKF^[1].

REFERENCES

[1]. Smith ST, et al. Discovery of Protease-Activated Receptor 4 (PAR4)-Tethered Ligand Antagonists Using Ultralarge Virtual Screening. ACS Pharmacol Transl Sci. 2024 Mar 21;7(4):1086-1100.

Caution: Product has not been fully validated for medical applications. For research use only.

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